

11

PPI-119

1



SEQUENCE LISTING

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 Ghosh, Sankar
 Findeis, Mark A
 Phillips, Kathryn
 Hannig, Gerhard

<120> ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

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<140> 09/847,946
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<170> PatentIn Ver. 2.0

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<400> 92
Thr Ala Leu Asp Tyr Ser Trp Leu
1 5

<210> 93
<211> 10
<212> PRT
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<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 93
Ala Leu Asp Tyr Ser Trp Leu Gln Thr Glu
1 5 10

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<210> 94
<211> 9
<212> PRT
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<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 94
Leu Asp Tyr Ser Trp Leu Gln Thr Glu
  1           5

<210> 95
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 95
Leu Asp Tyr Ser Trp Leu
  1           5

<210> 96
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 96
Thr Ala Leu Asp Tyr Ser Trp Leu Gln Thr
  1           5           10

<210> 97
<211> 9
<212> PRT
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<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 97
Thr Ala Leu Asp Tyr Ser Trp Leu Gln
  1           5

<210> 98
<211> 9
<212> PRT
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 98
Ala Leu Asp Tyr Ser Trp Leu Gln Thr
    1          5

<210> 99
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 99
Leu Asp Tyr Ser Trp Leu Gln
    1          5

<210> 100
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 100
Leu Asp Tyr Ser Trp Leu Gln Thr
    1          5

<210> 101
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 101
Thr Ala Leu Asp Trp Ala Trp Leu Gln Thr Glu
    1          5          10

<210> 102
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 102
Leu Asp Trp Ala Trp Leu Gln Thr Glu
    1          5
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<210> 103
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<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 103
Thr Ala Leu Asp Trp Ala Trp Leu
1 5

<210> 104
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<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 104
Ala Leu Asp Trp Ala Trp Leu Gln Thr Glu
1 5 10

<210> 105
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 105
Leu Asp Trp Ala Trp Leu Gln Thr Glu
1 5

<210> 106
<211> 6
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<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 106
Leu Asp Trp Ala Trp Leu
1 5

<210> 107
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 107
Thr Ala Leu Asp Trp Ala Trp Leu Gln Thr
1 5 10

<210> 108
<211> 9
<212> PRT
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<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 108
Thr Ala Leu Asp Trp Ala Trp Leu Gln
1 5

<210> 109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 109
Ala Leu Asp Trp Ala Trp Leu Gln Thr
1 5

<210> 110
<211> 7
<212> PRT
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<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 110
Leu Asp Trp Ala Trp Leu Gln
1 5

<210> 111
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 111
Leu Asp Trp Ala Trp Leu Gln Thr
1 5

<210> 112
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 112
Thr Ala Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5 10

<210> 113
<211> 9
<212> PRT
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<220>
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<400> 113
Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5

<210> 114
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 114
Thr Ala Leu Asp Trp Glu Trp Leu
1 5

<210> 115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 115
Ala Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5 10

<210> 116
<211> 9
<212> PRT
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<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 116
Leu Asp Trp Glu Trp Leu Gln Thr Glu
  1           5

<210> 117
<211> 6
<212> PRT
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<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 117
Leu Asp Trp Glu Trp Leu
  1           5

<210> 118
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 118
Thr Ala Leu Asp Trp Glu Trp Leu Gln Thr
  1           5           10

<210> 119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 119
Thr Ala Leu Asp Trp Glu Trp Leu Gln
  1           5

<210> 120
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
      sequence

<400> 120
Ala Leu Asp Trp Glu Trp Leu Gln Thr
  1           5
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<210> 121
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 121
Leu Asp Trp Glu Trp Leu Gln
1 5

<210> 122
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding sequence

<400> 122
Leu Asp Trp Glu Trp Leu Gln Thr
1 5

<210> 123
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane translocation domain

<400> 123
Arg Arg Met Lys Trp Lys Lys
1 5

<210> 124
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane translocation domain

<400> 124
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 125
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane
translocation domain

<400> 125
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 126
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane
translocation domain

<400> 126
Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg
1 5 10

<210> 127
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane
translocation domain

<400> 127
Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg
1 5 10

<210> 128
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane
translocation domain

<400> 128
Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg
1 5 10

<210> 129
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane
translocation domain

<400> 129
Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg
1 5 10

<210> 130
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane translocation domain

<400> 130
Arg Arg Met Lys Trp Lys Lys
1 5

<210> 131
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:anti-inflammatory compound

<400> 131
Arg Arg Met Lys Trp Lys Lys Thr Ala Leu Asp Trp Ser Trp Leu Gln
1 5 10 15

Thr Glu

<210> 132
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:anti-inflammatory compound

<400> 132
Thr Ala Leu Asp Trp Ser Trp Leu Gln Thr Glu
1 5 10

<210> 133
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:anti-inflammatory compound

<400> 133
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Thr Ala Leu Asp Trp
1 5 10 15

Ser Trp Leu Gln Thr Glu
20

<210> 134
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 134
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Thr Ala Leu Asp Trp
1 5 10 15

Ser Trp Leu Gln Thr Glu
20

<210> 135
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 135
Arg Arg Arg Arg Arg Arg Arg Thr Ala Leu Asp Trp Ser Trp Leu Gln
1 5 10 15

Thr Glu

<210> 136
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 136
Arg Arg Arg Arg Arg Arg Arg Thr Ala Leu Asp Trp Ser Trp Leu Gln
1 5 10 15

Thr Glu

<210> 137
<211> 22
<212> PRT
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Sequence:anti-inflammatory compound

<400> 137
Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg Thr Ala Leu Asp Trp

1

5

10

15

Ser Trp Leu Gln Thr Glu
20

<210> 138
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<212> PRT
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<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 138
Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg Thr Ala Leu Asp Trp
1 5 10 15

Ser Trp Leu Gln Thr Glu
20

<210> 139
<211> 22
<212> PRT
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<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 139
Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg Thr Ala Leu Asp Trp
1 5 10 15

Ser Trp Leu Gln Thr Glu
20

<210> 140
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 140
Thr Ala Leu Asp Trp Ser Trp Leu Gln Thr Glu
1 5 10

<210> 141
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 141
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Leu Asp Trp Ser Trp
1 5 10 15
Leu

<210> 142
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 142
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Leu Asp Trp Ser Trp
1 5 10 15
Leu

<210> 143
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 143
Arg Arg Met Lys Trp Lys Lys Leu Asp Trp Ser Trp Leu
1 5 10

<210> 144
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 144
Arg Arg Met Lys Trp Lys Lys Leu Asp Trp Ser Trp Leu
1 5 10

<210> 145
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 145

Arg Arg Arg Arg Arg Arg Leu Asp Trp Ser Trp Leu
1 5 10

<210> 146
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 146
Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg Leu Asp Trp Ser Trp
1 5 10 15

Leu

<210> 147
<211> 17
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<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 147
Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg Leu Asp Trp Ser Trp
1 5 10 15

Leu

<210> 148
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 148
Arg Arg Arg Arg Arg Arg Leu Asp Trp Ser Trp Leu
1 5 10

<210> 149
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:membrane translocation domain

<400> 149
Arg Arg Arg Arg Arg Arg

1

5

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<210> 150
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
      Sequence:membrane translocation domain

<400> 150
Arg Arg Arg Arg Arg Arg Arg
 1           5

<210> 151
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
      Sequence:membrane translocation domain

<400> 151
Arg Arg Arg Arg Arg Arg Arg Arg
 1           5

<210> 152
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
      Sequence: membrane translocation domain

<400> 152
Arg Arg Arg Arg Arg Arg Arg Arg
 1           5

<210> 153
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
      Sequence:membrane translocation domain

<400> 153
Arg Arg Arg Arg Arg Arg Arg Arg Arg
 1           5           10

<210> 154
<211> 11
<212> PRT
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<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 154

Arg
1 5 10

<210> 155

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 155

Arg Arg Arg Arg Arg Arg
1 5

<210> 156

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 156

Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 157

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 157

Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 158

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial

Sequence:mebrane translocation domain

<400> 158
Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 159
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 159
Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5 10

<210> 160
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 160
Arg
1 5 10